



IFW 3629

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) : Stefania Castellani, et al.  
TITLE : SYSTEM FOR NEGOTIATION USING GRAPHS  
APPLICATION NO. : 10/065,491  
FILED : October 24, 2002  
CONFIRMATION NO. : 9068  
EXAMINER : Janice A. Mooneyham  
ART UNIT : 3629  
LAST OFFICE ACTION : None  
ATTORNEY DOCKET NO. : A1637-US-NP  
XERZ 2 01260

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

LETTER

The Examiner is hereby advised of co-pending U.S. Patent Application, Application Number 10/855,515. The subject matter contained in this co-pending U.S. Patent Application, Application Number 10/855,515, is related to the above-identified application, and thus may be relevant to the subject matter of the instant application.

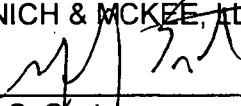
This co-pending application is not to be construed as prior art. By bringing this co-pending application to the attention of the Examiner, the Applicant does **NOT** waive any confidentiality concerning this co-pending application. 35 U.S.C. 122 (1988); see Medical Laboratory Automation Inc. v. Labcon Inc., 500 F.Supp. 54, 58 n.5 (N.D. Ill. 1980), aff'd, 670 F.2d 671 (7th Cir. 1981). Furthermore, if said co-pending application should not mature into a patent, said co-pending application should be preserved in secrecy under the provisions of 35 U.S.C. 122 (1988) and 37 C.F.R. 1.14.

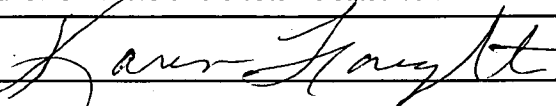
Respectfully submitted,

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.H./

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

July 28, 2006

  
Mark S. Svat  
Reg. No. 34,261  
1100 Superior Avenue, 7<sup>th</sup> Floor  
Cleveland, Ohio 44114-2579  
(216) 861-5582

<u>CERTIFICATE OF MAILING OR TRANSMISSION</u>	
I hereby certify that this correspondence (and any item referred to herein as being attached or enclosed) is (are) being <input type="checkbox"/> deposited with the United States Postal Service as First Class Mail, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below. <input type="checkbox"/> transmitted to the USPTO by facsimile in accordance with 37 CFR 1.18 on the date indicated below.	
Express Mail Label No.:	Signature: 
Date: 7-28-06	Name: Karen M. Forsyth

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) : Stefania Castellani, et al.

TITLE : SYSTEM FOR NEGOTIATION USING GRAPHS

APPLICATION NO. : 10/065,491

FILED : October 24, 2002

CONFIRMATION NO. : 9068

EXAMINER : Janice A. Mooneyham

ART UNIT : 3629

LAST OFFICE ACTION : None

ATTORNEY DOCKET NO. : A1637-US-NP  
XERZ 2 01260

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is(are) aware. A copy of PTO/SB/08 Form (renumbered from PTO 1449) is enclosed.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and U.S. patent application publication for all

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.H./

U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents and applications with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed art requires no further explanation (or no translation is available).

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

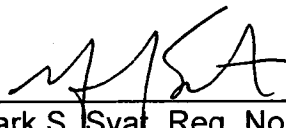
☒ BEFORE FIRST OFFICE ACTION: Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be handled as set forth below.

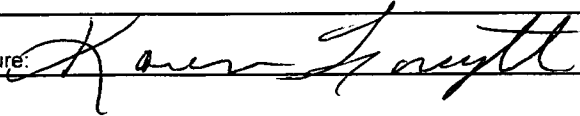
Any payment due for the filing of this Information Disclosure Statement is authorized to be charged to Deposit Account No. 24-0037.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

July 28<sup>th</sup> 2004  
Date

  
Mark S. Svat, Reg. No. 34,261  
1100 Superior Avenue, Seventh Floor  
Cleveland, Ohio 44114-2579  
(216) 861-5582

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence (and any item referred to herein as being attached or enclosed) is (are) being	
<input checked="" type="checkbox"/> deposited with the United States Postal Service as First Class Mail, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.	
<input type="checkbox"/> transmitted to the USPTO by facsimile in accordance with 37 CFR 1.18 on the date indicated below.	
Express Mail Label No.:	Signature: 
Date: 7-28-04	Name:

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)</b>		Application Number	10/065,491
		Filing Date	October 24, 2002
		First Named Inventor	Stefania Castellani et al.
		Art Unit	2123
		Examiner Name	Unknown
Sheet 1 of 2	Attorney Docket No.	A1637-US-NP (XERZ 2 01260)	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-2004/0083187A1	04/29/2004	Castellani et al.	
	AB	US-2005-0108036A1	05/19/2005	Andreoli et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	AC					<input type="checkbox"/>

### OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	AD	ANDREOLI, JEAN-MARC ET AL., "Augmenting Offices With Ubiquitous Sensing", in Proc. of Smart Object Conference, Grenoble, 2003	<input type="checkbox"/>
	AE	ANDREOLI, JEAN-MARK ET AL., "Negotiation as a Generic Component Primitive", in Proc. of Distributed Application and Interoperable Systems, Paris, France, 2003.	<input type="checkbox"/>
	AF	ANDREOLI, JEAN-MARC ET AL., "Ubiquitous Negotiation Games: A Case Study", in Proc. of DEXA "e-negotiations" Workshop, Prague, Czech Republic, 2003.	<input type="checkbox"/>
	AG	BICHLER, M. ET AL., "Towards, a Structured Design of Electronic Negotiations", in Group Decision and Negotiation Journal, 12(4):311-335, 2003 (earlier version InterNeg Research Papers INR 07/02).	<input type="checkbox"/>
	AH	CASTELLANI, S. ET AL., "E-Alliance: A Negotiation Infrastructure for Virtual Alliances" in Group Decision and Negotiation Journal, 12(2):127-141, 2003.	<input type="checkbox"/>
	AI	CHEN, Y., "Arc Consistency Revisited", in Information Processing Letters, 70:175-184, 1999.	<input type="checkbox"/>
	AJ	JUNG ET AL., "Argumentation as distributed constraint satisfaction; applications and results", published in Proceedings of International Conference on autonomous Agents, pages 324-331, Montreal, QB, Canada	<input type="checkbox"/>
	AK	MACKWORTH, A., "Constraint Satisfaction", in Shapiro, S. (Eds.), Encyclopedia of Artificial Intelligence (2 <sup>nd</sup> ed.), John Wiley and Sons (pp. 285-293), 1992.	<input type="checkbox"/>
	AL	MONTANARI, U., "Networks of Constraints: Fundamental Properties and Applications to Picture Processing", in Information Science, 7, pages 95-132, 1974.	<input type="checkbox"/>
	AM	NELSON, G. ET AL., "Simplification by Cooperating Decision Procedures", in ACM Transactions on Programming Languages and Systems, 1(2):245-257, 1979.	<input type="checkbox"/>
	AN	SHOSTAK, R., "A Practical Decision Procedure for Arithmetic with Function Symbols", in Journal of the ACM, 26(2):351-360, 1979.	<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

N:\XERZ\201260\KMF0007412V001.DOC

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.H./

Substitute for form 1449A/PTO  SUPPLEMENTAL <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT(S)</b>	<b>Complete if Known</b>	
	Application Number	10/065,491
	Filing Date	October 24, 2002
	First Named Inventor	Stefania Castellani et al.
	Art Unit	2123
Examiner Name	Unknown	
Sheet 2 of 2	Attorney Docket No.	A1637-US-NP (XERZ 2 01260)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	US-			
	BB	US-			
	BC	US-			
	BD	US-			
	BE	US-			
	BF	US-			
	BG	US-			
	BH	US-			
	BI	US-			
	BJ	US-			
	BK	US-			
	BL	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	BM					<input type="checkbox"/>
	BN					<input type="checkbox"/>
	BO					<input type="checkbox"/>
	BP					<input type="checkbox"/>

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	BQ	SIERRA ET AL., "A framework for argumentation-based negotiation", published in Singh et al., editors, Intelligent Agents IV: Agent Theories, Architectures, and Languages, volume 1365 of Lecture Notes in Computer Science, pages 177-192, Springer Verlag, 1998.	<input type="checkbox"/>
	BR	YOKOO, M. ET AL., "Algorithms for Distributed Constraint Satisfaction: A Review", in Autonomous Agents and Multi-Agent Systems, 3(2):185-207, 2000.	<input type="checkbox"/>

Examiner Signature	/Michael Holmes/ (03/11/2008) Considered
--------------------	---

N:\XERZ\201260\KMF0007412V001.DOC

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.H./